



Analísadores de O_2 e O_2-CO_2

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Ridzewski GmbH

PROZESS - UND LABORANALYTIK

Oxygen Analyser Typ Zr-Ox HP6D

Analyser Zr-Ox HP6D for continuous measurements of oxygen in several industrial processes such as soldering or packaging machines



Specifications and technical data*

Oxygen analyser with Zirconia sensor:

Sensor type	Zirconia
Measuring range:	0.1 ppm - 99.9 % O ₂
Sensor temperature:	approx. 800 °
Heating up time:	minimum 10 min., optimum 30 Min.
Calibration:	recommended every 12 month minimum 2 calibration gases
Response time/sensor:	approx. 35 msec.
Response time/analyser:	20.9 % - 10 ppm in < 1 minute
Accuracy:	+/- 2 % of calibrated range
Sensor flow:	approx. 80 ml/min
Flow measurement:	differential pressure sensor
Analogue output:	0/4 – 10/20 mA (0/2 – 5/10 VDC)
Interfaces (option):	RS 232
Alarms:	Flow alarm, optional 2 concentration alarms
Display:	LED-display, automatic range detection
Housing:	Aluminium, sizes ~ 250 mm(heigh), ~240mm (width), ~180mm (depth)
Weight:	approx. 3 kg
Power supply	100-240 VAC 47-63Hz

*We reserve us the right to change or modify our product specifications at any time without notice.



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Oxygen Analyser Typ Zr-Ox HP6

Analyser Zr-Ox HP-6 for continuous measurements of oxygen in several industrial processes such as soldering or packaging machines



Specifications and technical data*

Oxygen analyser with Zirconia sensor:

Sensor type	Zirconia
Measuring range:	0,1 ppm - 99.9 % O ₂
Sensor temperature:	approx. 800 °
Heating up time:	minimum 10 min., optimum 30 Min.
Calibration:	recommended every 12 month minimum 2 calibration gases
Response time/sensor:	approx. 35 msec.
Response time/analyser:	20.9 % - 10 ppm in < 1 minute
Accuracy:	+/-2 % of calibrated range
Sensor flow:	approx. 80 ml/min
Flow measurement:	differential pressure sensor
Analogue output:	0/4 – 10/20 mA (0/2 – 5/10 VDC)
Interfaces (option):	RS 232
Alarms:(option)	Flow alarm, 2 concentration alarms
Housing:	Aluminium, sizes ~ 250 mm(heigh), ~240mm (width), ~180mm (depth)
Weight:	approx. 3 kg
Power supply	100-240 VAC 47-63Hz

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Oxygen or O₂/CO₂ Analyser Type Zr-Ox/E-Ch MKII

Analyser Zr-Ox/E-Ch MKII for continuous measurements of O₂ or O₂/ CO₂ in several industrial processes such as soldering or packaging machines



Specifications and technical data*

Oxygen analyser with Zirconia sensor:

Sensor type	Zirconia
Measuring range:	0,1 ppm - 99.9 % O ₂
Sensor temperature:	approx. 800 °
Heating up time:	minimum 10 min., optimum 40 Min.
Calibration:	recommended every 12 month minimum 2 calibration gases
Response time/sensor:	approx. 35 msec.
Response time/analyser:	20.9 % - 10 ppm in < 1 minute
Accuracy:	+/- 2 % of calibrated range
Sensor flow:	approx. 80 ml/min, electronically controlled pump
Flow measurement:	differential pressure sensor
User interface.	LED-display, 16 digits, 4 lines and keyboard with 16 pushbuttons; set up of analyser parameters and calibration through menus option: Windows-based user software
Fault detection:	analyser temperature, broken connections, system fault
Alarms:	2x concentration alarm, 1x system alarm, flow alarm, all 3 alarms fully programmable
Relays rated for:	max. 230 VAC, 3A
Analogue output:	0/4 - 20 mA or 0/2 - 10 VDC, programmable
Interfaces (option):	RS 232, analogue modem, CAN bus
Housing:	Aluminium, 1/2 - 19-inch rack mounting, 3 HU
Weight:	approx. 6 kg
Power supply	100-240 VAC / 47-63Hz

Oxygen analyser with electrochemical sensor:

Sensor type:	electrochemical (no cross sensitivity toward hydrocarbons or combustible gases)
Measuring range:	1 ppm - 65 % O ₂
Calibration:	recommended every 6 month minimum 2 calibration gases
Response time/sensor:	approx. 500 msec.
Response time/t ₉₀ :	20.9 % - 50 ppm in < 1,5 minutes
Accuracy:	20.9 % - 1000 ppm, +/- 2 % abs. 1000 ppm - 50 ppm, +/- 20 ppm abs.
Operational life:	>250,000 Vol % hours
Temperature compensation:	NTC compensation

Optional CO₂-Sensor: NDIR-sensor, 0,1-100%, for both analysers

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Oxygen/CO₂-Analyser Zr-Ox Spot

Analyser Zr-Ox Spot for continuous or spot measurements of O₂ or O₂ and CO₂ in packages or packaging machines



Specifications and technical data*

Oxygen/CO₂ analyser with Zirconia sensor:

Sensor type	Zirconia
Measuring range:	0,01- 99.9 % O ₂
Sensor temperature:	approx. 800 °
Heating up time:	minimum 10 min., optimum 40 Min.
Calibration:	recommended every 12 month minimum 1 calibration
Response time/analyser:	20.9 % 0,01 in 20 sec
Accuracy:	+/-2 % of calibrated range
Sensor flow:	approx. 60 ml/min
Spot measurement:	adjustable between 5 and 30 sec
User interface.	LED-display, 16 digits, 4 lines and keypad with 16 push buttons; set up of analyser parameters and calibration through menus option: Windows-based user software
Fault detection:	analyser temperature, broken connections, system fault
Alarms (option):	2x concentration alarm, 1x system alarm, flow alarm, all 3 alarms fully programmable
Relays rated for (option):	max. 230 VAC, 3A
Output (option):	0/4 - 20 mA or 0/2 - 10 VDC
Interfaces (option):	programmable RS 232
Housing:	Aluminium, bench type
Weight:	approx. 6 kg
Power supply	100-240 VAC / 47-63Hz

Optional CO₂-Sensor: NDIR-sensor, 0,1-100%

Environmental conditions

Ambient temperature:	operating: 0-50 degrees Celsius storage: +5-50 degrees Celsius
Ambient moisture:	operating: 95% absolute humidity not condensating storage: <75% RLF absolute humidity

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For further information please contact:



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**Caso queira adaptar este produto a suas necessidades
usando um sistema de condicionamento, uma
automação ou formando um produto, contate:**

COMERCIAL@ENGEZER.COM.BR

**para mais informações ou preços*



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